

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,271,943 B2  
APPLICATION NO. : 10/544173  
DATED : September 18, 2007  
INVENTOR(S) : Susumu Yasuda et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

DRAWINGS:

Figure 12, "INVENT" should read --INVENTION--.

COLUMN 1:

Line 20, "comparing" should read --compared--.

Line 23, "an" should read --a--.

Line 56, "generally" should read --customary--.

COLUMN 2:

Line 30, "above described" should read --above-described--.

COLUMN 3:

Line 12, "troubles" should read --trouble--.

Line 19, "is" should read --be--.

Line 22, "inertial" should read --inertia--.

Line 58, "an" should read --a--.

Line 60, "an" should read --a--.

COLUMN 4:

Line 2, "is" should read --be--.

Line 14, "are" should read --be--.

COLUMN 5:

Line 35, "numerals" should read --numeral--.

Line 62, " $\theta_{\max}$  Reference" should read -- $\theta'_{\max}$  Reference--.

COLUMN 6:

Line 52, "appoximate" should read --approximately--.

Line 66, "become" should read --becomes--.

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COLUMN 8:

Line 12, " $\theta_{eff} 1241$  and  $\theta_{eff} 1242$ ," should read  $-\theta_{eff}(1241)$  and  $\theta_{eff}(1242)$ --.

Line 13, " $\theta_{eff} 1241$ " should read  $-\theta_{eff}(1241)$ --.

Line 14, " $\theta_{eff} 1242$ ." should read  $-\theta_{eff}(1242)$ --.

Line 16, " $\theta_{eff}=a\{1.6\sin(\zeta/2-0.4\sin(\pi))\}=1.6a$ " should read  
 $-\theta_{eff}=a\{1.6\sin(\pi/2-0.4\sin(\pi))\}=1.6a$ --.

Line 41, "a" should read --the--.

COLUMN 9:

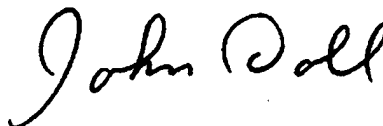
Line 44, "number" should read --numbers--.

COLUMN 12:

Line 26, "claim 1" should read --claim 2,--.

Signed and Sealed this

Tenth Day of February, 2009



JOHN DOLL

*Acting Director of the United States Patent and Trademark Office*